



MOTOROLA *i1*



# Congratulations

## MOTOROLA i1

The MOTOROLA i1 brings the convenience of walkie-talkie calls together with a premium browsing and messaging experience, all in a touchscreen device.

- **Walkie-Talkie Calls.** Stay in touch with your family, friends and colleagues with the simple touch of a button.
- **Organization.** Check your email, calendar, and contacts wherever you are.
- **Browsing.** Get more from the Web with a huge screen for an improved browser experience. Search, browse, everything you want to do, all made easier.
- **Maps and more.** The latest technology and apps. Google Maps™ to find your way. Easy access to Google™ and thousands of Android applications to expand your world.
- **Tough and durable.** Built to military specification to survive the harshest environments.

**Caution:** Before assembling, charging or using your phone for the first time, please read the important legal and safety information packaged with your phone.

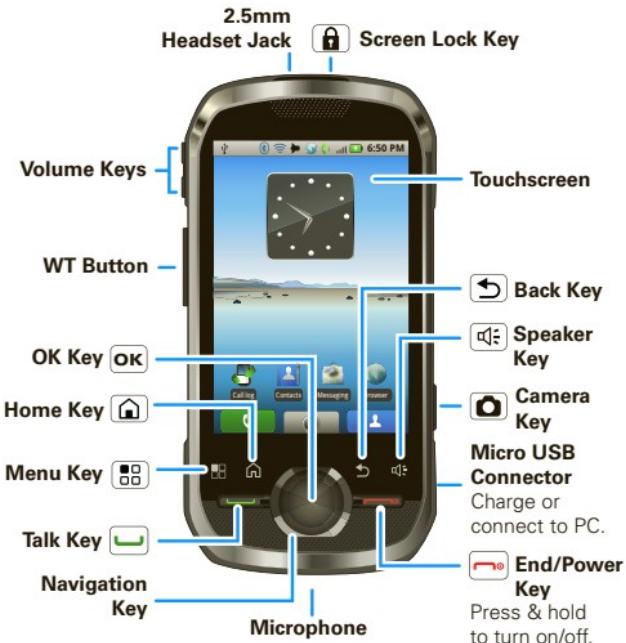
## More information

**On your computer**—Go to [www.motorola.com/support/](http://www.motorola.com/support/).

So, whether you want to read, watch, or play, we can help.

# Your phone

the important keys & connectors



**Note:** Your phone might look a little different.

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# Let's go

let's get you up and running

## Assemble & charge

1 Remove cover



2 SIM in



3 MicroSD in



4 Battery in



5 Cover on



6 Charge up



**Caution:** Please read "Battery Use & Safety" on page 46.

**Note:** To ensure your phone survives exposure to the elements, make sure the battery cover is secured correctly, and all connector covers are tightly sealed.

## Set up & go

The first time you turn on your phone, a setup wizard guides you through:

- Setting up your Wi-Fi® connection.
- Signing in to your existing Google™ account.

**Note:** If you don't have a Google account, you can create one using the wizard.

**Tip:** Remember to write down your user name and password, and keep them in a safe place.

- Setting up additional email accounts, such as POP3, IMAP, or Microsoft™ Exchange.
- Loading contacts from your SIM card.
- Loading apps from your microSD card.
- Selecting your keyboard type.

**Note:** This phone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

## Turn it on & off

To turn on your phone, press and hold End/Power .

To turn off your phone, press and hold End/Power , then touch **Power off**.



## Wi-Fi connect

If you want to use a Wi-Fi computer network for even faster Internet access, touch  >  **Settings** >

**Wireless controls > Wi-Fi settings.**

## Cool content & more

Browse and download thousands of the coolest apps on the planet from Android Market™. See "Apps for all" on page 20.

**Note:** It's strongly recommended you use a Wi-Fi connection when downloading apps from Android Market.

Your phone comes with a microSD memory card slot—you can load it up with photos, videos, and music from your computer using "USB drag & drop" on page 42.

## Touchscreen & keys

*a few essentials*

### Touch tips

Here are some tips on how to navigate around your phone.

#### Touch

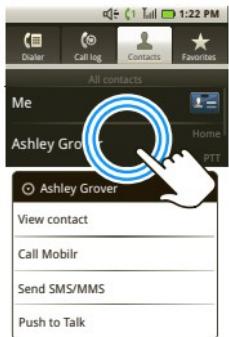
To choose an icon or option, *touch* it.



#### Touch & hold

To open special options, *touch and hold* an icon or other item. Try it: In the home screen, touch  **Contacts**, then touch and hold a contact to open options.

To use **MySign**, touch the screen twice with two fingers. See "MySign" on page 5.



## Drag

To scroll through a list or move slowly, *drag* up or down the touchscreen. Try it: In the home screen, touch  **Contacts**, then drag your **Contacts** list up or down.



**Tip:** When you drag or flick a list, a *scroll bar* appears on the right. Drag the scroll bar to move the list to a letter A - Z.

## Flick

To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

**Tip:** When you flick a long list, touch the screen to stop it from scrolling.

## Zoom

In maps, touch  or  at the bottom of the screen to zoom in or out. When viewing Web pages, touch the screen once to zoom in. To zoom out touch the screen twice, or touch  at the bottom of the screen.



## MySign

Draw on your screen to get to your favorite apps. To open **MySign**, touch  >  **MySign**.

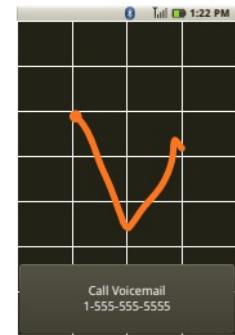
Draw the sign for the action you want. For example, draw a "V" to go to voicemail.

To see which actions are already assigned to gestures, press **Menu**  > **List Gestures**.

You'll also see several gestures that are unassigned.

To assign an action to a gesture, press **Menu**  > **List Gestures**.

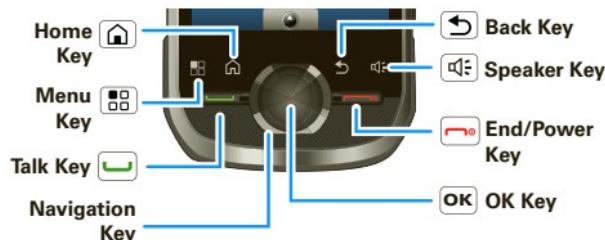
**Gestures**, touch an unassigned gesture, then touch an app from the list.



To create a new gesture, press Menu  > **New Gesture**, select an action from the list, and draw a gesture to assign to the action.

## Key tips

### Front keys



- Home  – Press to return to the home screen. Press and hold to see recently used apps.
- Menu  – Open menu options.
- Talk  – Press to start a call.
- Navigation Key – Navigate through menus, apps, and Web pages.
- OK  – Select menu options.
- End/Power  – Press to end a call or press and hold to turn phone on/off.

- Speaker  – Press to turn walkie-talkie speaker on/off. Press during a phone call to turn speaker on/off.
- Back  – Go back to the previous screen.

### Sleep & wake up

To save your battery, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing Screen Lock  . To wake up the touchscreen, just press Screen Lock  again.

To change how long your phone waits before the screen goes to sleep automatically, touch  > **Settings > Sound & display > Screen timeout**.

**Tip:** To make the screen lock when it goes to sleep, use "Screen lock" on page 43.

### Power key menu

Press and hold End/Power  to open the power key menu, where you can turn off the phone (**Power off**), or turn **Airplane mode** or **Silent mode** on or off.



Screen Lock Key

## Adjust volume

Press the volume keys to change the ring volume (in the home screen), or the earpiece volume (during a call).



## Rotate the screen

The touchscreen can rotate 90 degrees to stay right-side up when you rotate your phone:

**Find it:** > **Settings > Sound & display > Orientation**

**Note:** Not all applications are designed to rotate.

## Home screen

*quick access to the things you need most*

### Quick start: Home screen

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the phone or press Home . It's basically like this:



**Note:** Your home screen might look a little different.

The home screen extends beyond what you see on the screen to give you more room for adding shortcuts, widgets, and more. Flick the home screen left and right to see more panels or to add widgets or shortcuts.



## Widgets

Add a *widget*, such as a clock, music player, or a calendar that shows upcoming appointments.

To open a widget, touch it. To add widgets, press Menu > **Add > Widgets**.

**Note:** If you install apps from Android Market that have widgets, touch and hold the home screen, then select a widget to add to the home screen.

## Shortcuts

To add shortcuts to the home screen, open the Applications tab, then touch and hold the shortcut you want. It will be added to the home screen. Or, press Menu > **Add > Shortcuts**.

## Apps

Your phone comes with some apps already, and you can download and install more. To open an app, touch it.

### Applications tab

All the apps on your phone, including the apps that came with your phone, and the ones you download and install, are listed in alphabetical order in your *Applications menu*.



Touch the app tab, , in the home screen to open the app menu.

### Running multiple apps

No need to close an app before opening another one. Your phone runs multiple apps, all at once.

You can open a new app while already running another. Press Home to return to the home screen. Open the Applications tab, and touch the app you want. To

switch from one running app to another, press and hold Home  to see what apps are already open, then touch the one you want. You can view up to the last six apps that you ran.

## Search

To search, press Menu  > **Search**, and touch the text field to bring up the keypad. To use voice search, touch  and say a search topic, such as "pizza."



## Phone status & notifications

The status bar at the top of the screen contains icons that tell you about messages and phone status. To view your notifications, touch the status bar and drag it down. Icons on the right tell you about phone status:



	Bluetooth™ active		network (full signal)
	GPS active		call alert
	Wi-Fi active		walkie-talkie call
	downloading		line 1 active
	vibrate		line 2 active
	silent		flight mode
	data active		battery (charging)
	speakerphone active		battery (full charge)
	data sync		text message

**Tip:** To see today's date, touch and hold the status bar at the top of the screen.

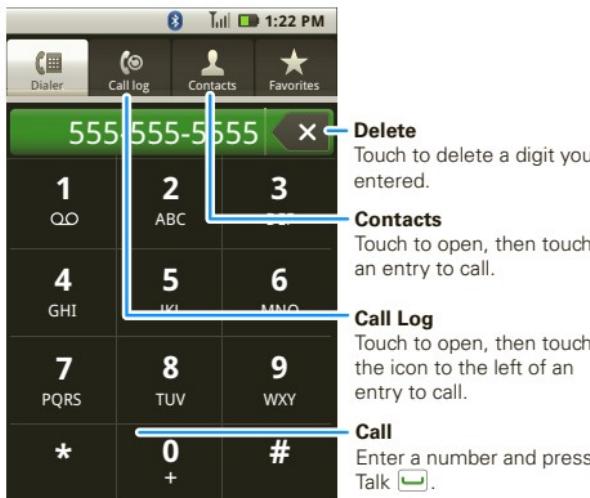
# Calls

it's good to talk

## Quick start: Calls

### Dialing options

Find it:  **Dialer**



### In-call options

Press Menu  to show your in-call options.

**Tip:** You can press Home  or Back  to leave the active call display. To reopen it, press Talk .



### Make & answer calls

To make a call, touch  **Dialer**, enter a number, then press Talk .

To answer a call, press Talk .

To end a call, press End/Power .

### Handsfree

**Note:** Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

During a call:

- To use the speakerphone, press Menu  > **Speaker** or press Speaker .
- To disconnect a Bluetooth™ device, press Menu  > **Bluetooth**.

## Enter numbers during a call

To enter numbers during a call, press Menu  > **Dialpad**.

## Recent calls

**Find it:**  **Dialer** > **Call log**

- To call a number, touch the icon on the left.
- To send a text message, create a contact, view a contact, or other options, touch and hold an entry.
- To clear the list, press Menu  > **Delete All**.

**Tip:** When you're in the home screen, you can press Talk  to go to the **Call log**.

## Frequent calls

**Find it:**  **Dialer** > **Favorites**

- To call a number, touch it to open the contact entry, then touch the phone number or WT number you want to call.
- To send a text message, view a contact, or other options, touch and hold an entry.

## Your phone number

**Find it:**  >  **Settings** > **About phone** > **Status** > **My phone number**

**Tip:** The first contact in **Contacts** contains your mobile phone number.

## Unanswered calls

If you receive a phone call and press End/Power  before it goes to voicemail, you can send an automatic text message to the other caller.

**Find it:**  >  **Settings** > **Call settings** > **Auto Text reply** > **Incoming call** or **Outgoing call**

## Emergency calls

**Note:** Your service provider programs one or more emergency phone numbers (such as 911) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency numbers may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

**1** Touch  **Dialer**. If your phone is locked, touch **Emergency Call** on the unlock screen.

**2** Enter the emergency number.

**3** Press Talk  to call the emergency number.

**Note:** Your mobile device can use AGPS satellite signals to help emergency services find you (see "GPS & AGPS" on page 48).

## Cool down

In very limited circumstances, such as where your phone has been exposed to extreme heat, "Cool Down" message screens will appear. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in "Cool Down" mode, only emergency calls can be made.

## Dual microphone noise cancellation

Dual microphone noise cancellation improves call audio quality by removing the ambient noise around you, and providing a cleaner, clearer sound to the person you're calling.

**Note:** Dual microphone noise cancellation is turned on by default.

To turn off dual microphone noise cancellation, touch

 >  **Settings > Call settings > Additional call settings > Noise cancellation.**

## Features for the hearing impaired

### Use your phone with a hearing aid

**Note: Your phone has a hearing aid rating of M3.**

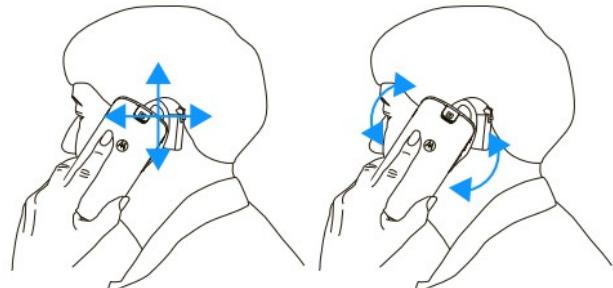
For more information, see "Hearing Aid Compatibility with Mobile Phones" on page 55.

For best results, use the optimization and phone setting. They generally apply as well for users with cochlear implants.

### Optimize your phone position and orientation

While on a phone call slide your phone up and down, then left and right until best microphone coupling is obtained. You also may need to adjust your hearing aid (HA) volume setting.

If your HA has a telecoil, activate its switch, then also rotate the phone as illustrated to align the telecoils.

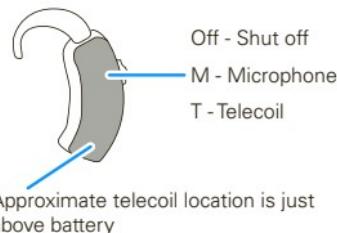


**Note:** Some automatically switched hearing aids may need an auxiliary switching magnet.

If you are unsure whether your HA is telecoil equipped or needs an auxiliary magnet, please refer to your HA user guide or contact a hearing aid professional or supplier.



Approximate telecoil location is within  
6-13 mm of this location



Approximate telecoil location is just  
above battery

Choose your hearing aid setting

**Find it:** > **Settings**> **Call settings** >  
**Additional call settings** > **Hearing aid compatible**

The **Microphone** option optimizes your phone for microphone coupling. The **Telecoil** option meets the US federal requirements for telecoil coupling. The factory default setting for this feature is **Off**.

## TTY

features

**turn on TTY feature**

> **Settings**> **Call settings** >**Additional call settings** > **HCO, TTY or VCO**.

**turn off TTY feature**

> **Settings**> **Call settings** >**Additional call settings** > **Off**.

**change the TTY baud rate**

> **Settings**> **Call settings** >**Additional call settings** > **TTY baudrate** > **45.45 or 50.00**.

**change TTY mode during a call**

Press Home > > **Settings**> **Call settings** >**Additional call settings** > **HCO, TTY or VCO**.

## Walkie-Talkie

one or more, talk to them all

### Walkie-Talkie calls

Make and answer walkie-talkie calls

To **make** a walkie-talkie call:

- Touch  **Dialer**, and enter the recipient's WT number.

**Tip:** The first contact in **Contacts** contains your WT number.

- Touch **Contacts**, and select a contact that has a WT number.

To **talk**, press and hold the WT Button. To **listen**, release the WT Button.

To **answer** a walkie-talkie call, press the WT Button after the caller has stopped talking.

To **end** a walkie-talkie call, press End/Power  or do nothing. The call will end after a few seconds.

### WT timeout

You can extend the automatic timeout of a WT call by about 30 seconds using the **Resume WT** setting.

**Find it:**   **Settings > Call settings > Walkie-Talkie settings > Resume WT**



### One touch WT

You can customize the WT Button for quick access to walkie-talkie functions.

**Find it:**   **Settings > Call settings > Walkie-Talkie settings > One Touch WT**

options	
<b>Off</b>	Turn off <b>One Touch WT</b> .
<b>Launch WT Contacts List</b>	Open a list of walkie-talkie contacts on your phone.
<b>WT a selected contact</b>	Start a walkie-talkie call with the selected contact.
<b>WT the most recent number</b>	Start a walkie-talkie call with the most recent WT number in the <b>Call log</b> .

**Tip:** You can also add the **One Touch WT** widget to your home screen. See "Widgets" on page 8.

### Call alerts

Use call alerts to tell someone you want to speak to them.

To **send** a call alert:

- Touch  **Dialer**, enter a WT ID, and press Menu  > **Send Alert**. When prompted, press the WT Button.
- Touch  **Contacts**, and select a contact containing a WT ID. Touch **Send Alert**, and press the WT Button when prompted.

When you **receive** a call alert, you can:

- **Answer:** Push WT Button to begin a walkie-talkie call with the sender.
- **Later:** Store the call alert to **Notifications**.
- **Dismiss:** Dismiss the call alert.

**Note:** Call alerts will automatically be moved to **Notifications** after a few minutes of inactivity. You won't be able to make phone calls or walkie-talkie calls until the call alert is moved, or you've chosen one of these options.

## Share via WT

During a walkie-talkie call, you can send contacts, photos, events, or your contact info.

**Find it:** Menu  > **Share contact**, **Share picture**, **Share event**, or **Share my info**

## Switch from a walkie-talkie call to a phone call

For longer calls, you can switch from a walkie-talkie call to a phone call if the walkie-talkie call recipient has a phone number stored in **Contacts**.

During a walkie-talkie call, press Menu  > **Call contact**.

## Unanswered calls

If you receive an error when making a walkie-talkie call, or press End/Power  to end an incoming or outgoing walkie-talkie call before it's answered, you can send an automatic text message to the other caller.

**Find it:**  >  **Settings** > **Call settings** > **Auto Text reply** > **Incoming call** or **Outgoing call**

## Set walkie-talkie speaker

You can listen to walkie-talkie calls through your phone's speaker or earpiece. Press Speaker  to turn the speaker on or off.

# Web

you don't need a PC to surf

## Quick start: Browser

Find it:  >  Browser

### Connection

Over the air:

Mobile Network: 

Wi-Fi: 



### Web Address

To go to a URL, touch **Go**.

### Links

Tap to open.

Drag or flick to scroll.

Press  to open a menu where you can open a Web page, your bookmarks, a new window, and more.



**Back**    **Reload**    **Tools**  
**Forward**    **Tabs**

**Note:** If you can't connect, contact your service provider.

### Connect

Your phone uses the mobile phone network (over the air) to automatically connect to the Web.

**Note:** Your service provider may charge to surf the Web or download data.

To use a wireless network, touch  >  **Settings** > **Wireless controls**. Touch **Wi-Fi** to turn it on and touch **Wi-Fi settings** to search for nearby wireless networks. Touch a network to connect.

### Select web links

When you touch a link, your phone outlines it and goes to that page. If you touch and hold the link, your phone shows options, like **Open in new tab**.



### Browser options

Touch  to see browser options:

#### options

##### **Bookmarks**

Add, delete and manage bookmarks.

##### **History**

View and clear your browser's history.

## options

<b>Start Page</b>	Takes you to your browser's start page.
<b>Saved Pages</b>	Save Web pages.
<b>Downloads</b>	View your downloads.
<b>Settings</b>	Open your browser's settings menu.
<b>Find in Page</b>	Search Web pages for words or phrases.
<b>Help</b>	Open your browser's help menu.

## Google Maps™

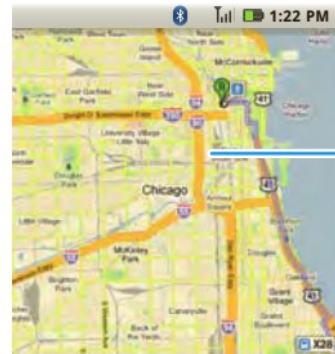
*where you are, where you're going*

**Note:** This feature is not available in all areas. Check with your service provider.

### Quick start: Google Maps

Where am I? Where do I want to go? Don't worry—let Google Maps™ find out for you.

**Find it:**  >  **Google Maps**



#### Map View

Drag or flick to scroll.

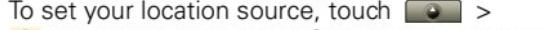


Press  to open a menu where you can search, show your location, change map modes, get directions, and more.

Google Maps™ opens in “Map mode.” To learn more about the different map modes, see “Select map mode” on page 18.

## Set your location sources

Set your phone to determine your location using GPS satellite signals (highly accurate, but uses battery power) or using the mobile network (less accurate, but conserves battery power).

To set your location source, touch  > **Settings** > **Security & location** > **Use GPS satellites** and/or **Use wireless networks**.

## Find your location

**Note:** Don’t forget to set your location sources.

From the Map screen, press Menu  > **My Location**. Your location shows on the map as . The bigger the circle, the less accurate the location.

## Find any location

- 1 Press Menu  > **Search**.
  - 2 Enter text in the search box, like an address, business, or city, then touch .
- Tip:** If it’s an address you have visited before, select from the list shown.

- 3 Touch the search box, in the lower left-hand corner, to view all the results, then touch the one you want. Select **Show on map**, **Get directions**, **Call** or **Add as a contact**.

## Get directions

- 1 Press Menu  > **Directions**.
- 2 Enter a starting point address, or touch  and select **My current location**, **Contacts**, or **Points on map**.
- 3 Enter an end point address, or touch  and select **Contacts** or **Points on map**.
- 4 Select your mode of transport (car, public transport or walk), then touch **Go**. Your directions are shown as a list. To view your directions on a map, press Menu  > **Show on map**.
- 5 When you have finished, press Menu  > **More** > **Clear map**.

## Select map mode

Press Menu  > **Map Mode** to select from **Map** (standard map view), **Satellite** (map with photos), **Traffic** (map with traffic conditions).

Press Menu  > **More** > **Clear Map** to clear your selections.

## Latitude

where are your friends & family?

**Note:** This feature is not available in all areas. Check with your service provider.

### Join Latitude

See where your friends and family are on Google Maps™. Plan to meet up, check that your parents got home safely, or just stay in touch.

Don't worry, your location is not shared unless you agree to it. You need to join Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps, press Menu  > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & share**.

### Add & remove friends

**Find it:**  >  **Google Maps** > Menu  > **Latitude**

To add friends:

- 1 Press Menu  > **Add friends**.
- 2 Touch **Select from Contacts** or **Add via email address**, then touch a contact > **Add friends**.

If your friends already use Latitude, they'll receive an email request and a notification. If they have not yet joined Latitude, they'll receive an email request that

invites them to sign in to Latitude with their Google account.

To remove friends:

- 1 Press Menu  > **Latitude** to show your friend's list, then touch a friend in your list.
- 2 Touch **Remove**.

### Share location

When you receive a request to share location details you can choose to:

- **Accept and share back**—see your friend's location, and your friend can see yours.
- **Accept, but hide my location**—see your friend's location, but they can't see yours.
- **Don't accept**—location information is not shared between you and your friend.

### Hide your location

Press Menu  > **Latitude** to show your friend's list. Touch your contact name, then press Menu  > **Privacy** > **Hide your location**.

### Turn off Latitude

Press Menu  > **Latitude** to show your friend's list. Then press Menu  > **Privacy** > **Turn off Latitude**.

## Apps for all

get the app you want

Find it:  >  Market

Get all the fun games and cool apps you want! Android Market™ provides you with access to software developers everywhere, so you can find the app you want. If you need help or have questions about Android Market, press Menu  > Help.

**Note:** You'll need a Gmail account in order to buy and download apps from Android Market (see "Gmail" on page 21).

**Note:** It's strongly recommended you use a Wi-Fi connection when downloading apps from Android Market.

### Browse & install apps

Scroll to and touch the app you want to install. Then, touch **Install** (if app is free) or **Buy**.

**Note:** If an app you are downloading requires access to your data or control of functions on your phone, you'll be asked to give your permission. After selecting **Install**, the app will download. After selecting **Buy**, you may be asked to sign in to an additional Google account. Sign in and select **Purchase now** to proceed. Follow the on-screen instructions. To see the download progress, open the notifications window.

After you download an app, the icon for that app appears on your Applications tab (see "Apps" on page 8).

### Manage & restore apps

To manage your apps, from your phone's home screen touch  >  **Settings > Applications > Manage applications.**

Touch the app to open the details screen—from here you can review, uninstall, and more.

To reinstall any downloaded items, touch  >  **Market > My Downloads.** All previously installed apps are listed and available for download.

# Manage your life

stay on top of things

## Gmail

Create a new email

**Find it:**  >  Gmail > Menu  > **Compose**

Enter the recipient email address and message, then touch **Send**.

**Tip:** Press Menu  for options, like **Attach** or **Add Cc/Bcc**.

### features

#### search for email

Press Menu  > **Search** in a messages list.

#### choose email notifications

Press Menu  > **Settings** > **Email notifications**.

#### apply a label to a thread

Touch and hold a message, then touch **Change labels**.

## Email

Set up an account

**Find it:**  >  Email

The email setup wizard will guide you through setting up your email account.

Create a new email

**Find it:**  >  Email > Menu  > **Compose**

Enter the recipient email address and message, then touch **Send**.

**Tip:** Press Menu  for options, like **Attach** or **Add Cc/Bcc**.

## Calendar

**Find it:**  >  Calendar

**Tip:** You can send calendar events to other people using WT. (See "Share via WT" on page 15.)

View your calendar in different ways: Press Menu  > **Agenda**, **Day**, or **Week**. When you highlight an event in the day and week views, more details appear.

### Add calendar events

From any calendar view, press Menu  > **New event**. Enter event details and touch **Save**.

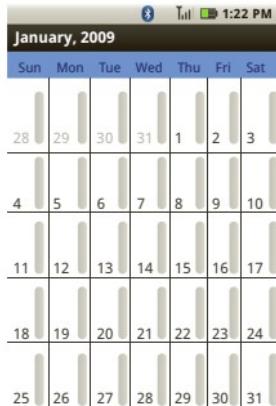
### Manage calendar events

To edit an event, touch and hold the event, then touch **Edit event**. Edit event details, then when you're done, touch **Save**.

## Google data synchronization

**Find it:**  >  **Settings** > **Data synchronization**

The Google apps on your phone give you access to the same personal information (emails, events, and contacts) that you have on a computer using Gmail, Calendar, and Contacts. It's easy to synchronize the Google apps information you want to keep up-to-date.



### Select apps to synchronize

**1** Touch **Background data**.

**Tip:** To save battery power do not touch **Background data**.

**2** Touch the apps you want to synchronize, like **GMail**, **Calendar**, or **Contacts**.

## Microsoft™ Office Outlook™ synchronization

### What can you manage?

Email, contacts, and calendar on your phone give you access to the same personal information that you add, view, and edit on your computer with the use of Microsoft™ Outlook™.

You can:

- View Google™ and Exchange contacts in one list.
- Schedule and respond to meeting requests.
- Access your company directory.

### Set up synchronization

**Find it:**  >  **Settings** > **Data synchronization** > **Exchange ActiveSync**

**1** Enter your user name (username@company.com), password, email address, and server details including domain name and security type (server

address is the same URL you use to access your company's email using the Web on your computer).

**Note:** Contact your business IT department for server details.

2 Touch **Next**.

3 Set up your sync options: select email and/or contacts.

4 Touch **Save & sync**.

**Note:** Set data synchronization to manual to extend battery life (see "Battery tips" on page 30).

## Corporate calendar

**Find it:**  >  **Calendar**

Corporate calendar appointments are shown in the same calendar as your Gmail calendar appointments, but each will be shown in a different color. Once you have configured your corporate account, you can start the calendar app to view, add, and manage your corporate calendar appointments.

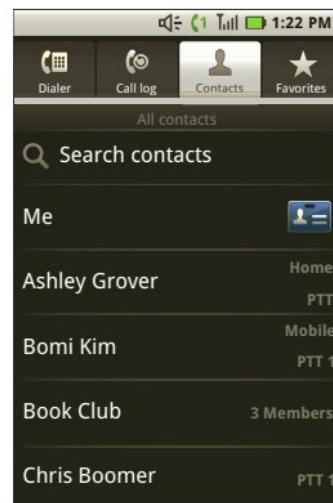
**Tip:** To see the color codes for your calendar press Menu  > **More** > **My calendars**.

## Contacts

*contacts like you've never had before*

**Quick start: Contacts**

**Find it:**  **Contacts**



**Search**

Touch to search contacts.

**My Info**

Your details—always first in the list.

**Contacts List**

Touch to view contact information. Touch & hold to edit, delete, and more.

**Menu Options**

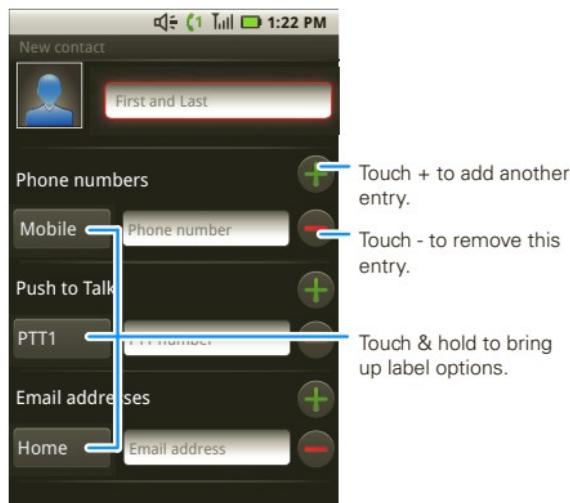
Press Menu  to create, filter, and sync contacts.

**Tip:** To search the list, touch **Search Contacts** and type a name. When you flick or drag this list, a scroll bar appears on the right. Drag the scroll bar to move the list faster.

## Create contacts

**Find it:**  **Contacts** > Menu  > **New contact**

Select the account to save the contact to, then type the contact name and details.



When you're finished, touch **Done**.

## Edit or delete contacts

**Find it:**  **Contacts**

Touch the contact, then press Menu  > **Edit contact** or **Delete contact**.

**Tip:** When editing a contact, you can set a ringtone, address, and other details that will be saved on your phone.

## Call, text, email, or WT contacts

**Find it:**  **Contacts**

For **View contact**, **Call Mobile**, **Send text message**, **Walkie-Talkie**, **Add to favorites** or other options, touch and hold the contact.

**Tip:** You can also select **Share via WT** to send contact information to someone through a walkie-talkie call.

## Import contacts from your SIM

**Find it:**  **Contacts** > Menu  > **SIM Manager** > **Import contacts from SIM card**

**Note:** You might have already done this during "Set up & go" on page 3.

## Export contacts to your SIM

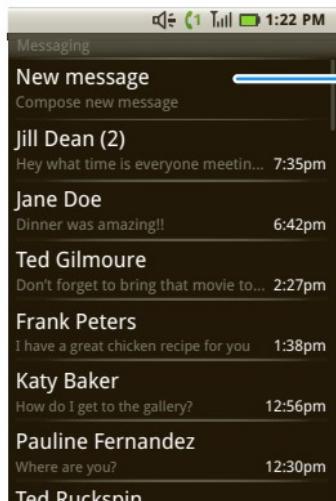
**Find it:**  **Contacts** > Menu  > **SIM Manager** > **Export contacts to SIM**

# Messaging

sometimes it's best 2 text, or IM, or email . . .

## Quick start: Messaging

Find it:  >  **Messaging**



See "Manage your life" on page 21 for email setup.

## Read & reply to messages

To **open** a message and all of its replies, touch it.

To open **options**, touch and hold a message.

To **respond** to a message, just open it and enter your response in the text box at the bottom.

## Create messages

Find it:  **Messaging** > **New message**

Enter the recipient and message. In text messages and emails, press Menu  for options, like **Insert smiley** or **Attach**.

**Note:** Attachments are available with MMS messaging only. Contact your service provider to see if they support MMS messaging.

## Send & receive attachments

To send a file in a message, open a new message and press Menu  > **Attach**.

When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file formats can be converted to HTML for faster viewing, and your phone will show a button that says **Get HTML version**.

**Tip:** To send and receive large attachments faster, use a Wi-Fi connection, in "Wi-Fi®" on page 41.

## Google Talk™

Google Talk instant messaging lets you chat with other Google Talk users on phones or on the web.

**Find it:**  >  **Google Talk**

Touch to change your online status message.



Press Menu  to send invitations, add new friends, and more.

## Instant messages

To send and receive instant messages, you can use an instant messaging app (such as Google Talk™) or your browser.

- To download and use an instant messaging app, touch  >  **Market** > **Apps** > **Communication**, then choose an app for your provider. Once you download the app, you'll see it on your Applications tab (see "Apps" on page 8).
- If you don't see an app for your IM provider, you can use your Web browser. Touch  >  **Browser**, then enter your provider's Web site and touch **Go**. Once you're there, follow the link to sign in.

**Note:** Your IM options will depend on your IM provider.

## Voicemail

When you have a new voicemail,  shows at the top of your screen. To hear the voicemail, drag the notification bar down and touch the voicemail, or touch  **Dialer**, then touch and hold .

## Text entry

think keyboard, now think smaller

### Touchscreen keypad

You can open a display keypad by touching a text field.  
To close the keypad, press Back .



#### Symbols/Numbers

**Note:** To automatically spin the touchscreen to be right-side up when you rotate the phone, touch  > **Settings > Sound & display > Orientation.**

### Select keypad type

You can change the type of keypad you're using by touching and holding a text field.

#### options

##### Android keyboard

Standard keypad.

##### Swype™

Keypad for single hand text entry.  
Slide your finger from one letter to the next to enter text.

See "Swype™ text entry" on page 28.

##### XT9 Text Input

Offers improved foreign language support and word prediction.

### Typing tips

Here are some tips for using your phone's keypad:

#### To...

##### Choose symbols

Touch .

##### Enter alternate characters

Touch .

To...

Enter **several** alternate characters Touch Alternate  twice.

Enter **one** capital letter Touch Shift .

Enter **only** capital letters Touch Shift  twice.

**Delete** Touch Delete  (hold to delete more than one character).

Start a **new line** Touch Return .

## Swype™ text entry

Swype lets you enter a word with one continuous motion. To enter a word, just drag your finger over the letters.



day



book

For double letters, circle the letter.



Who

To capitalize, go above the keypad

## Swype typing tips

- To enter apostrophes in common words (like "I'll"), drag through the **n** as though it was an apostrophe.
- To enter several symbols, touch **SYM**.
- To correct a word, double-tap it. Swype shows a small menu of other word options. Swype might also show a menu if it can't guess your word.
- If Swype doesn't know a word, you can still touch the letter keys to enter it. Swype remembers, so next time you can just drag over the letters.

## Text entry settings

When you use the touchscreen keypad, your phone suggests words from your dictionary and chosen language.

**Find it:**  >  **Settings > Locale & text**

- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To edit your dictionary, touch **User dictionary**.
- To change the sounds, corrections, and other settings for your touchscreen keypad, touch **Android keyboard, Swype, or XT9 Text Input**.

## Tips & tricks

*a few handy hints*

### General tips

To...

Return to the **home screen** Press Home .

See **recently dialed numbers** Press Talk .

**Sleep/wake** your phone Press Screen Lock .

Set **screen timeout** Touch  >  **Settings > Sound & display > Screen timeout**.

Turn **sound** on/off Press and hold End/Power  > **Silent mode**.

**Search** Press Menu  > **Search**.

Show **last few apps** used Press and hold Home .

Turn **airplane mode** on/off Press and hold End/Power  > **Airplane mode**.

## Battery tips

Your phone is like a small computer, giving you a lot of information and apps, with a touch display! Depending on what you use, that can take a lot of power.

To save even more battery life between charges, you could reduce:

- Recording or watching videos, listening to music, or taking pictures.
- Widgets that stream information to your home screen, like news or weather ("Home screen" on page 7).
- Email updates: Touch  >  **Email** > Menu  > **More** > **Account Settings** > **Email check frequency** > **Get new email** > **Every hour** or **Never** to check for email manually.
- Turn off Bluetooth power: touch  >  **Settings** > **Wireless controls** > **Bluetooth**.
- Turn off Wi-Fi: touch  >  **Settings** > **Wireless controls** > **Wi-Fi**.
- Google™ app updates: Touch  >  **Settings** > **Data synchronization** > **Google** > **Background data**.
- Display brightness: Touch  >  **Settings** > **Sound & display** > **Brightness** > *(dimmer setting)*.

- Display timeout delay: Touch  >  **Settings** > **Sound & display** > **Screen timeout** > *(shorter setting)*.

## Personalize

add your personal touch

### Widgets

To add a new widget:

- 1 Find an empty spot on your home screen where you want to add a widget, then touch and hold the screen.

**Tip:** You can flick left or right to open other panels on your home screen.

- 2 Touch **Widgets**.

- 3 Touch the type of widget. If necessary, enter the widget settings.

You can personalize widgets with content that you choose.

### Ringtones

To personalize your ringtones:

**Find it:**  >  **Settings > Sound & display > Phone ringtone or Notification ringtone**

To set your vibrate options:

**Find it:**  >  **Settings > Sound & display > Phone vibrate**

## Wallpaper

To apply a new wallpaper:

- 1 From the home screen, press Menu  > **Wallpaper**.
- 2 Touch **Media gallery** to select a photo as your wallpaper, or touch **Wallpaper gallery** to choose a wallpaper that comes with your phone.

### Sounds

features

**set volume for media and videos**

 >  **Settings > Sound & display > Audible selection**

**play tones when using dial pad**

 >  **Settings > Sound & display > Audible touch tones**

**play sound on screen selection**

 >  **Settings > Sound & display > Audible selection**

## Display settings

### features

#### set display brightness

 >  **Settings** > **Sound & display** > **Brightness**

#### set orientation

 >  **Settings** > **Sound & display** > **Orientation**

#### set animation

 >  **Settings** > **Sound & display** > **Animation**

## Date & time

Set date, time, time zone, and formats:

**Find it:**  >  **Settings** > **Date & time**

## Language & region

Set your menu language and region:

**Find it:**  >  **Settings** > **Locale & text**

## Photos & videos

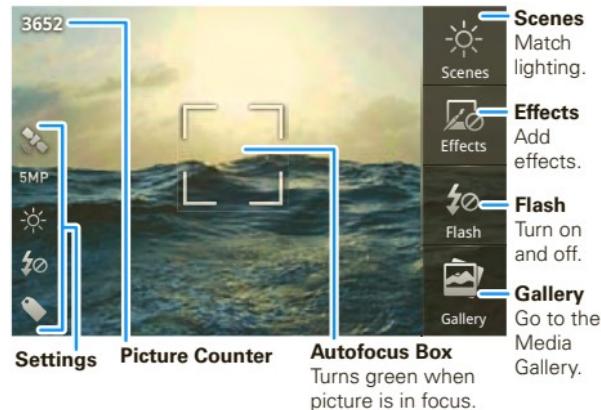
*see it, capture it, share it!*

### Photos

Take & share photos

Take that family photo, and post it online for everyone to see.

**Find it:** Press Camera 



**Note:** Photos are stored on your microSD memory card. **Picture Resolution** is 5MP, unless you change it.

To focus the picture, press Camera  half way until the auto focus box turns green. To take the photo, press Camera  down all the way.

Touch **Gallery** on the right to view the picture you have just taken.

- To **set** the photo as a wallpaper or contact photo, touch its thumbnail and press Menu  > **Set as**.
- To **send** the photo in a message or post it online, press Menu  > **Share**. For more info on sharing your photos, see "Share your photo gallery".
- To **delete** the photo, press Menu  > **Delete**.
- For more options, press Menu  > **More**.

#### Photo options

In the viewfinder, press Menu  > **Settings** to open the camera menu:

#### options

**Picture Resolution** Set the photo resolution.

**Video Resolution** Set the camcorder video resolution.

**Quick Send Address** Store email addresses for sending pictures and videos.

#### options

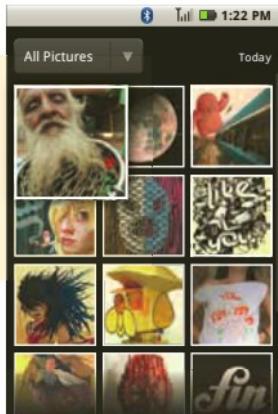
**Review Time** Choose the amount of time a recently taken picture is displayed on the view screen.

#### View your photos

**Find it:**  >  
 **Media Gallery** > **All Pictures**

#### Play a slideshow

Touch  >  **Media Gallery** > **All Pictures**, Menu  > **Slideshow** to start a slideshow. To stop the slideshow, touch the display. To return to the gallery, press Back .



#### Share your photo gallery

**Find it:**  >  
 **Media Gallery** > **All Pictures**

To send your photo in a message, walkie-talkie call, or post it online:

- 1 Touch and hold a photo, then touch **Share**.

- 2 Choose how you want to share—like walkie-talkie, **Email**, or **Messaging**.

## Manage your photos

**Find it:**  >  **Media Gallery > All Pictures**

Touch and hold a photo, then:

- To delete the photo, touch **Delete**.
- To set the photo as a contact picture or wallpaper, touch **Set as**.

**Tip:** To copy photos to/from a computer, go to “USB drag & drop” on page 42.

## Edit your photos

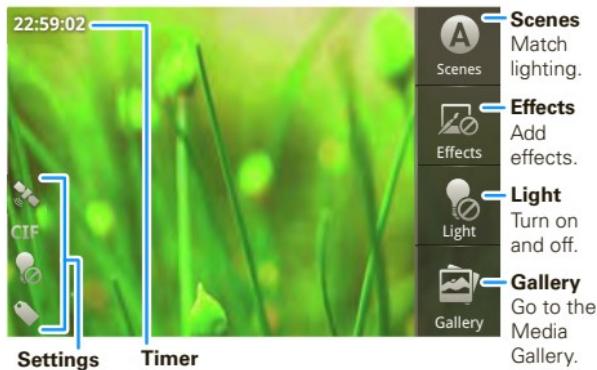
**Find it:**  >  **Media Gallery > All Pictures**

Touch & hold a picture, then touch **Edit** > **One-click optimize**, **Rotate**, **Crop**, **Effects**, **Brightness & contrast**, **Color & saturation**, **Flip**, and **Resize**.

## Videos

### Record & share videos

**Find it:** Press Camera  > Menu  > **Camcorder**



**Tip:** To send your video in a message, set the video quality to **Small(QCIF)** by pressing Menu  > **Settings > Video Resolution**.

To **record** the video, press Camera . To stop the video recording, press Camera  again.

After you have finished recording your video, touch the screen, when prompted:

- To **send** the video in a message or post it online, touch **Share**. For more info on sharing your photos, see “Share your photo gallery” on page 33.

- To **play** the video, touch .
- To **delete** the video, touch **Delete**.

Play your videos

**Find it:**  >  **Media Gallery > All Videos**



**Note:** To see the controls while the video is playing, touch the display.

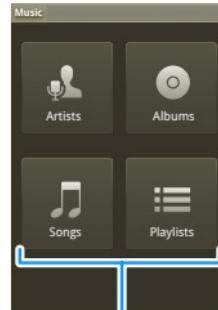
## Music

*when music is what you need...*

### Quick start: Music

Touch, touch, play—instant music. Just open your music library, then select what you want to play.

**Find it:**  >  **Music**



**Categories**

Touch a category, then touch a song or playlist.



**Music Controls**

**Tip:** When a song is playing, you can add it to a playlist by pressing Menu  > **Add to playlist**.

## Set up music

### What music transfer tools do I need?

To put music on your computer and then load it on your phone, you need:

- A Microsoft™ Windows™ PC.
- A USB data cable.

### You need a memory card

Your music is stored on your memory card. Your phone supports removable microSD memory cards up to 32 GB capacity. To make sure your memory card is installed, go to "Assemble & charge" on page 3.

**Tip:** To see the available memory on your memory card, touch  >  **Settings** > **SD card & phone storage**.

### What music file formats can I play?

Your phone can play many types of files: AMR-NB/WB, MP3, PCM/WAV, AAC, AAC+, eAAC+, MIDI, OGG, and WMA.

**Note:** Your phone does not support any DRM protected files.

### What headphones can I use?

Your phone has a 2.5mm headset jack for wired stereo listening. You can go wireless with Bluetooth™ stereo

headphones or speakers (see "Bluetooth™ wireless" on page 39).

## Get music

### Transfer music using USB

Transfer music files from a computer to your memory card.

- 1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show  in the status bar.

**Note:** Make sure to connect the phone to a high power USB port. Typically, these are located directly on your computer.

**Note:** Your phone supports Microsoft™ Windows™ XP and Windows Vista™. Other operating systems may not be compatible.

- 2 Your phone shows a USB connection dialog in the notification bar. Flick down, touch the USB notification, and touch **Memory Card**. You can't use the files on your memory card while it is connected.
- 3 Touch **Mount** (if asked) to connect your memory card.

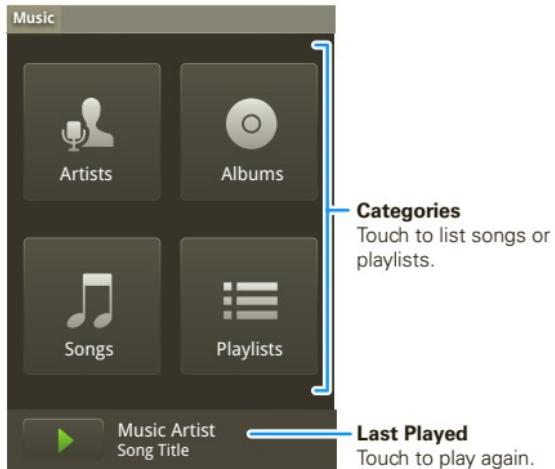
- 4 Find "Removable Device" (your memory card) in the "My Computer" window.
  - 5 Drag and drop your music to a folder on your memory card.
- Tip:** To help manage your music, create a "Music" folder on your memory card.
- 6 When you're done, use the "Safely Remove Hardware" feature to finish.

## Play music

### Music library

Open your music library, then select what you want to play.

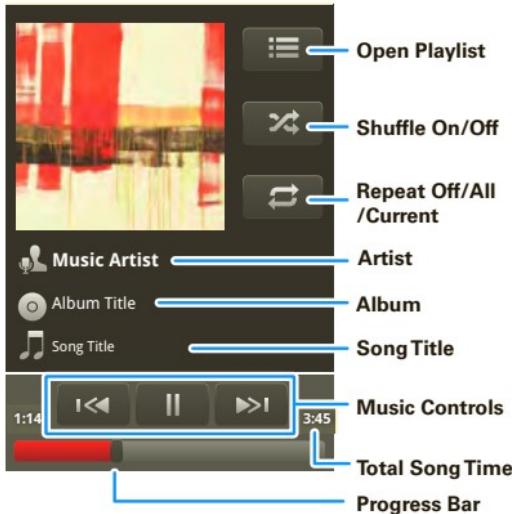
**Find it:**  >  **Music**



Your music is stored by artists, albums, songs, and playlists. Touch a category, then touch the song or playlist you want to play. Press Menu  > **Party shuffle** to randomly play all your songs.

## Music player

Just touch a song or playlist to get going.



## music player controls

play/pause	Touch  .
previous/next	Touch  .
fast forward/rewind	Touch & hold  .
view playlist	Touch  .
shuffle	Touch  .
repeat	Touch  .
volume	Press the side volume keys.
view library	Press Menu  > <b>Library</b> .
turn shuffle on/off	Press Menu  > <b>Party shuffle</b> .
add to playlist	Press Menu  > <b>Add to playlist</b> .
use as ringtone	Press Menu  > <b>Use as ringtone</b> .
delete	Press Menu  > <b>Delete</b> .

Hide, wake, turn off

Press Home to use another app. Your music continues to play.

When you see ▶ in the status bar a song is playing, flick down to see details. Touch the song to return to the music controls.

To turn off your music touch ■■■.

## Playlists

To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**. Choose an existing playlist, or touch **New** to create a new playlist.

To add a song to the playlist you're playing, press Menu ☰ > **Add to playlist** in the music player.

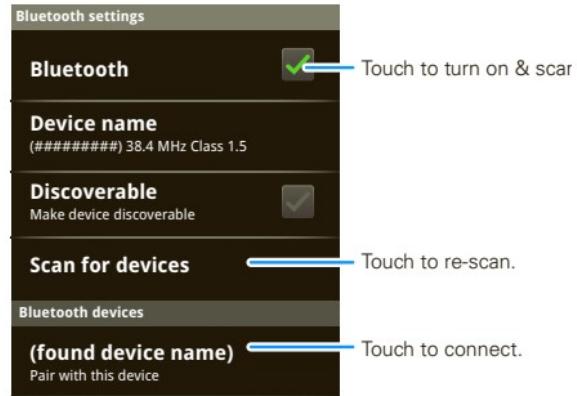
To edit, delete and rename playlists, touch and hold the playlist in the music library.

## Bluetooth™ wireless

*lose the wires and go wireless*

### Quick start: Bluetooth wireless

**Find it:** ☰ >  **Settings** > **Wireless controls** > **Bluetooth settings**



### Turn Bluetooth power on or off

**Find it:** ☰ >  **Settings** > **Wireless controls** > **Bluetooth**

**Note:** To extend battery life, turn Bluetooth power off when not in use.

## Connect new devices

**Note:** This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, see “Reconnect devices” on page 40.

- 1 Make sure the device you are pairing with is in discoverable mode.

**Note:** Refer to the guide that came with the device for details.

- 2 Touch  >  **Settings** > **Wireless controls** > **Bluetooth settings**.
- 3 Touch **Bluetooth** to turn on and scan. If Bluetooth is already on, touch **Scan for devices**.
- 4 Touch a device to connect.
- 5 If necessary, touch **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth indicator  appears in the status bar.

**Note:** Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

## Reconnect devices

To automatically reconnect your phone with a paired device, simply turn on the device.

To manually reconnect your phone with a paired device, touch the device name in the **Bluetooth devices** list.

## Disconnect devices

To automatically disconnect your phone from a paired device, simply turn off the device.

To manually disconnect your phone from a paired device, touch the device name in the devices list, then touch **OK**.

## Edit properties

To edit the device name, touch  >  **Settings** > **Wireless controls** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

# Wi-Fi®

home, office, or hotspot

## Quick start: Wi-Fi

**Find it:**  >  **Settings** > **Wireless controls** > **Wi-Fi settings**

Use a wireless network for fast Internet access and to download data.



Touch to turn on & scan.

Touch to connect.

## Wi-Fi search & connect

To find networks in your range:

- 1 Touch  >  **Settings** > **Wireless controls** > **Wi-Fi settings**.
- 2 Touch **Wi-Fi** to turn on and scan. If Wi-Fi is already on, press Menu  > **Scan**. Your phone lists the networks it finds within range.

**Tip:** To see your phone's MAC address or other Wi-Fi details, press Menu  > **Advanced**.

- 3 Touch a network to connect.
- 4 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your phone is connected to the network, the wireless indicator  appears in the status bar.

**Tip:** When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.

## Turn Wi-Fi on or off

**Find it:**  >  **Settings** > **Wireless controls** > **Wi-Fi**.

**Note:** To extend battery life, turn off Wi-Fi power when not in use.

## USB & memory card

connect your phone and computer, then drag & drop

### USB drag & drop

You can transfer your pictures, videos, music, ringtones, and more, from your computer to your phone's memory card.

- With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show  in the notifications bar.



**Note:** You may need to remove the USB data cable from the charger power head.

**Note:** Make sure to connect the phone to a high power USB port. Typically, these are located directly on your computer.

**Note:** Your phone supports Microsoft™ Windows™ XP and Windows Vista™. Other operating systems may not be compatible.

- Your phone shows a USB connection dialog at the top of the screen. Flick down, touch the notification,

and touch **Memory Card**. You can't use the files on your memory card while it is connected.

- Touch **Mount** (if asked) to connect your memory card.
- On your computer, use the "My Computer" window to find "Removable Disk".
- Click on the "Removable Disk" icon to access the memory card.
- Drag and drop your pictures, videos, music, ringtones, and more, to your phone folder. To help manage your files, you can create more folders in your phone folder.
- When you're done, use the "Safely Remove Hardware" feature to finish.

### Memory card

**Note:** You need the memory card installed for some features on your phone, like **Camera**.

### Remove or format your memory card

Before you remove or format your memory card you need to unmount it. Touch  >  **Settings** > **SD card & phone storage** > **Unmount SD card**.

To format your memory card, touch **Format SD card**.

**Warning:** All data on your memory card will be deleted.

## Tools

stay on top of things

### Alarm clock

**Find it:**  >  **Alarm Clock**

To turn on an alarm, touch the check box.

When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay.

To add an alarm, press Menu  > **Add alarm**, then enter alarm details.

To enable or disable an alarm, touch the check box.



### Calculator

**Find it:**  >  **Calculator**

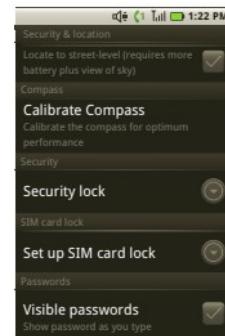
Your calculator has basic and advanced views. To change views, press Menu  > **Advanced panel** or **Basic panel**. To clear history, press Menu  > **Clear history**.

## Security

help keep your phone safe

### Quick start: Security

**Find it:**  >  **Settings > Security & location**



### Screen lock

**Note:** You can make emergency calls on a locked phone (see “Emergency calls” on page 11).

Lock the screen in the following ways:

- Press Screen Lock .
- Let the screen time out (don’t press or touch anything).

To unlock the screen, press Screen Lock . Then, drag  to the right.

## Set security lock

**Find it:**  >  **Settings > Security & location > Security lock**

- To set a password or an unlock pattern, that you need to draw to unlock your screen, touch **Security lock type > Password or Pattern**.
- To turn the lock off, touch **Security lock type > None**.
- To change the password or lock pattern, touch **Change unlock password** or **Change unlock pattern**.

## Lock your SIM

To lock your SIM (the next time you power up the phone you will need to enter your SIM PIN), touch  >  **Settings > Security & location > Set up SIM card lock > Lock SIM card**. Enter your SIM PIN code.

**Caution:** If you enter an incorrect PIN code three times, your phone locks your SIM card and asks for your PIN unlock code.

## Change SIM PIN

To change your SIM PIN, touch  >  **Settings > Security & location > Set up SIM card lock > Change SIM PIN**.

## PUK code

To unlock your SIM PIN, you need to enter your PIN unlock code (PUK code) when prompted.

**Note:** Your PUK code is provided by your service provider.

## Forgot your pattern or passcode?

If you forget your pattern or passcode, see your service provider.

# Troubleshooting

*we're here to help*

## Crash recovery

In the unlikely event that your phone stops responding to touches and key presses, try a quick reset. Remove the back cover and battery ("Assemble & charge" on page 3), then replace and switch your phone on as usual.

## Reset

To reset your phone to factory settings and erase all the data on your phone, touch  >  **Settings** > **SD card & phone storage** > **Master Clear**.

**Warning:** All data on your phone will be deleted.

## Service & repairs

If you have questions or need assistance, go to [www.motorola.com/support](http://www.motorola.com/support), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-453-0920 (United States), 1-877-483-2840 (TTY/TDD United States for hearing impaired).

## Battery Use & Safety

**Important: Handle and store batteries properly to avoid injury or damage.** Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

### DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.\*
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
  - Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
  - Avoid leaving your phone in your car in high temperatures.\*

### DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.\*
- **Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.**

\* **Note:** If the product guide expressly states that your **phone** is designed to resist damage from exposure to certain rugged conditions, such as water immersion, rain, dust, high and low temperatures, shock, or other conditions, do **not** exceed the stated limits, and ensure the stated precautions are taken. Always make sure that

the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

**Important: Use Motorola Original products for quality assurance and safeguards.** To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

**Motorola recommends you always use Motorola-branded batteries and chargers.** Motorola mobile devices are designed to work with Motorola batteries.

If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola authorized service center.

**Important:** Motorola's warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

**Warning:** Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

**Proper and safe battery disposal and recycling:** Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- [www.motorola.com/recycling](http://www.motorola.com/recycling)
- [www.rbrc.org/call2recycle/](http://www.rbrc.org/call2recycle/) (in English only)

**Disposal:** Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

**Warning:** Never dispose of batteries in a fire because they may explode.



# Battery Charging

## Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

# Specific Absorption Rate (IEEE)

## Your model wireless phone meets the governmental requirements for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed for the safety of all persons, regardless of age or health, and to account for any variations in measurements.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 1.30 W/kg, and when worn on the body, as described in this guide, is 0.95 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on SAR can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:  
<http://www.cwta.ca>

# Software Copyright Notice

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

## Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

## Open Source Software Information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

MOTOROLA, INC.  
OSS Management  
600 North US Hwy 45  
Libertyville, IL 60048  
USA

The Motorola website [opensource.motorola.com](http://opensource.motorola.com) also contains information regarding Motorola's use of open source.

Motorola has created the [opensource.motorola.com](http://opensource.motorola.com) website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please touch  > **Settings** > **About Phone** > **Legal information** >

**Open source licenses.** In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

## GPS & AGPS

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of

Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

## Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

## Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

## Performance Tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices.

# Navigation

Motorola strives to provide complete and accurate mapping information, directions, and other navigational data, using a combination of governmental and private location information sources. These sources may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

## Safety & General Information

**This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.**

### Exposure to Radio Frequency (RF) Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits.

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

### Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

### Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola and are not using the mobile device in the intended use positions along side the head in the phone

mode or in front of the face in the two-way radio mode, keep the device at least 2.5 centimeters (1 inch) from your body when transmitting.

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: [www.motorola.com](http://www.motorola.com).

### Two-Way Radio Operation

Your radio product has been designed and tested to comply with national and international standards and guidelines regarding human exposure to RF electromagnetic energy, when operated in the two-way mode (at the face, or at the abdomen when using an audio accessory) at usage factors of up to 50% talk/50% listen.

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the PTT button. To receive calls, release the PTT button. Transmitting 50% of the time or less, is important because this radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).

When using your radio product as a traditional two-way radio, **hold the radio product in a vertical position with the microphone 2.5 to 5 centimeters (1 to 2 inches) away from the lips.**



### RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

### Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

## **Implantable Medical Devices**

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- **ALWAYS** keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- **DO NOT** carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

## **Portable Radio Product Operation and EME Exposure**

Your Motorola radio product is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE), C95. 1-1992.
- Institute of Electrical and Electronics Engineers (IEEE), C95. 1-2005 Edition.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Ministry of Health (Canada), Safety Code 6. Limits of Human Exposure to Radio frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radio communications (Electromagnetic Radiation - Human Exposure) Standard 2003.
- ANATEL, Brazil Regulatory Authority, Resolution 303 (July 2, 2002) "Regulation of the limitation of exposure to electrical, magnetic, and electromagnetic fields in

the radio frequency range between 9 kHz and 300 GHz." "Attachment to Resolution 303 from July 2, 2002."

## **Driving Precautions**

Using a mobile device while driving may cause distraction. End a call if you can't concentrate on driving. Input information about your destination and route prior to your drive. Do not input data or engage in text messaging while driving. Keep your eyes on the road while driving. Listen to the audible turn-by-turn directions, if available.

Also, using a mobile device or accessory may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found at [www.motorola.com/callsmart](http://www.motorola.com/callsmart) (in English only).

## **Operational Warnings**

Obey all posted signs when using mobile devices in public areas.

## **Potentially Explosive Atmospheres**

Areas with potentially explosive atmospheres are often, but not always, posted and can include fueling areas, such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

## **Symbol Key**

Your battery, charger, or mobile device may contain symbols, defined as follows:

<b>Symbol</b>	<b>Definition</b>
	Important safety information follows.

Symbol	Definition
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device in the trash.  
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

## Batteries & Chargers

**Caution:** Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see "Battery Use & Safety."

## Keep Your Mobile Device & Its Accessories Away From Small Children

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

## Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

## Caution About High Volume Usage

**Warning:** Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected.

To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at [direct.motorola.com/hellomoto/nss/AcousticSafety.asp](http://direct.motorola.com/hellomoto/nss/AcousticSafety.asp) (in English only).



## Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

[Nov0109]

## Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5. This Class B digital apparatus complies with Canadian ICES-003.

## FCC Declaration of Conformity

Per FCC CFR 47 Part 2 Section 2.1077(a)

Responsible Party Name: Motorola, Inc.

Address: 8000 West Sunrise Boulevard,  
Plantation, FL 33322 USA

Phone Number: 1 (800) 453-0920

Hereby declares that the product:

Product Name: i1

Model Number: H76XAN9JR9AN

FCC ID: IHDPM56KV1

Conforms to the following regulations: FCC Part 15, subpart B, section 15.107(a), 15.107(d) and section 15.109(a)

## FCC Notice to Users

**The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC ID:xxxxxx on the product label.**

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Use & Care

To care for your Motorola mobile device, please observe the following:



### liquids of any kind

Don't expose your mobile device to water outside of the stated limits, and ensure the stated precautions are taken. Avoid exposure to other liquids, especially corrosive liquids.



### extreme heat or cold

Don't expose your mobile device to extreme high or low temperatures outside of the stated limits, and ensure the stated precautions are taken.



### microwaves

Don't try to dry your mobile device in a microwave oven.



### dust and dirt

Don't expose your mobile device to dust, dirt, sand, food, or other inappropriate materials outside of the stated limits, and ensure the stated precautions are taken.



### cleaning solutions

To clean your mobile device, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



### shock and vibration

Don't expose your mobile device to shock or vibration outside of the stated limits, and ensure the stated precautions are taken.



### rugged features

Your mobile device is designed to resist damage from exposure to certain rugged conditions as specified in your product guide. Don't expose your mobile device to conditions outside the specified limits.

## Motorola Limited Warranty for the United States and Canada

### What Does this Warranty Cover?

#### Note: FOR IDEN SUBSCRIBER PRODUCTS, ACCESSORIES AND SOFTWARE PURCHASED IN THE UNITED STATES OR CANADA.

Subject to the exclusions contained below, Motorola, Inc. warrants its Motorola iDEN Digital Mobile and Portable Handsets ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-Roms or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. **This limited warranty is**

a consumer's exclusive remedy, and applies as follows to new Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products Covered	Length of Coverage
<b>Products as defined above.</b>	<b>One (1) year</b> from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
<b>Accessories as defined above.</b>	<b>One (1) year</b> from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
<b>Products or Accessories that are Repaired or Replaced.</b>	<b>The balance of the original warranty or for ninety (90) days</b> from the date returned to the consumer, whichever is longer.
<b>Software</b> as defined above. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	<b>Ninety (90) days from the date of purchase.</b>

### What is Not Covered? (Exclusions)

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

**Ornamental Decorations.** Ornamental decorations such as emblems, graphics, rhinestones, jewels, gemstones and their settings, and other decorative elements, are excluded from coverage.

**Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

**Abuse & Misuse.** Defects or damage that result from abuse, misuse or accidents, including but not limited to: (a) improper handling, usage, operation or storage (e.g.

operating the Product outside its permitted or intended uses including as set forth by Motorola in the Products specification sheets or other documentation, or failing to comply with the Products usage documentation); abuse/neglect (e.g. broken/bent/missing/clips/fasteners/ connectors); (b) contact with liquids, water, rain, extreme humidity, heavy perspiration or other moisture, sand, food, dirt or similar substances caused from incorrectly securing the phone's protective elements or subjecting the Products to conditions beyond their stated specification or limits; (c) use of the Products for commercial rental purposes; or (d) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.

**Use of Non-Motorola Products and Accessories.** Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

**Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, including without limitation, software changes, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

**Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, antennas, or parts, are excluded from coverage.

**Communication Services.** Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products, Accessories or Software is excluded from coverage.

**Software Embodied in Physical Media.** No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

**Software NOT Embodied in Physical Media.** Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

## Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

## What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

## How to Obtain Warranty Service or Other Information

To obtain service or information, please call:

Motorola iDEN Customer Services: 1-800-453-0920 or 954-723-4910  
TTY: 877-483-2840

Or visit us online at <http://www.motorola.com/iden>

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

## What Other Limitations are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL,

SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW. Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

## **Patent and Software Provisions:**

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will

be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or sued in connection with the Product or any parts thereof. In no event shall MOTOROLA be liable for any incidental, special or consequential damages arising from any claim of patent infringement or alleged infringement.

Laws in the United States and other countries preserve for MOTOROLA certain exclusive rights for copyrighted MOTOROLA software, such as the exclusive rights to reproduce in copies and distribute copies of such MOTOROLA software.

MOTOROLA software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such MOTOROLA software or exercise or rights in such MOTOROLA software is permitted. No license is granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

## **Hearing Aid Compatibility with Mobile Phones**

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated

have the rating on their box or a label on the box. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

## Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: <http://www.who.int/peh-emf>

## Product Registration

Online Product Registration:

[www.motorola.com/us/productregistration](http://www.motorola.com/us/productregistration)

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

## Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

## Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.



## Disposal of your Mobile Device & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: [www.motorola.com/recycling](http://www.motorola.com/recycling)



## Disposal of your Mobile Device Packaging & Product Guide

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

## California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

Perchlorate Material – special handling may apply. See  
[www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)

There is no special handling required by consumers.

## Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.

**Note:** For information on how to backup or wipe data from your mobile device, go to [www.motorola.com/support](http://www.motorola.com/support)

• **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).

• **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

• **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola. If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at [privacy@motorola.com](mailto:privacy@motorola.com), or contact your service provider.

## Smart Practices While Driving

### Drive Safe, Call Smart

**Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only. Go to [www.motorola.com/callsmart](http://www.motorola.com/callsmart) (in English only) for more information.**

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside



assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Motorola, Inc.  
Consumer Advocacy Office  
600 N US Hwy 45  
Libertyville, IL 60048  
[www.hellomoto.com](http://www.hellomoto.com)

**Note:** Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-453-0920 (United States)

1-877-483-2840 (TTY/TDD United States for hearing impaired)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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**Caution:** Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual Number: NNTN8085A



